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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/720,858	11/24/2003	Anatoly S. Belkin	CE10866R/10-188	5178
22917	7590	12/13/2005	EXAMINER	
MOTOROLA, INC. 1303 EAST ALGONQUIN ROAD IL01/3RD SCHAUMBURG, IL 60196			KNOWLIN, THJUAN P	
			ART UNIT	PAPER NUMBER
			2642	

DATE MAILED: 12/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 10/720,858	Applicant(s) BELKIN ET AL	
	Examiner Thjuan P. Knowlin	Art Unit 2642	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 24 November 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. _____  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>11/24/03</u> .  | 6) <input type="checkbox"/> Other: _____                                    |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. Claims 1-24 are rejected under 35 U.S.C. 102(e) as being anticipated by Taff et al (US 6,845,152).
2. In regards to claims 1, 6, 10, 15, 16, 17, 18, 21, 22, and 24, Taff discloses a method and network switch (See Fig. 2, PBX 42, and switch 12) of preventing circular call forwarding loops for a communication unit (See Fig. 2 and mobile telephone 34) capable of operating in a first network (See Fig. 2 and PLMN 30) and a second network (See Fig. 2 and IP Network/LAN 24) within a loosely coupled network, and respectively having a first network number (e.g. landline telephone number) and a second network number (e.g. mobile telephone number), as well as a first network voice mail (See Fig. 2 and voice mail system 37), the method comprising: receiving a call directed to the first network number of the communications unit; storing the first identification data corresponding to the call upon determining that the communications unit is not operating in the first network; forwarding the call to the second network number of the

communications unit; receiving another call having second identification data for the communications unit subsequent to the forwarding of a call to the second network number of the communications unit; comparing the second identification data with the first identification data; and forwarding the call to the first network voice mail of the communication unit when the comparing the second identification data with the first identification data indicates a call forwarding loop (See col. 3-4 lines 45-16, col. 5 lines 28-39, and col. 5 lines 48-64).

3. In regards to claims 2, 3, 5, 11, 14, 19, 20, and 23, Taff discloses the method and network switch, wherein the storing the first identification data comprises storing caller identification data for the call and comparing comprises comparing other caller identification data for the another call with the caller identification data for the call and when a match is found indicating the call forwarding loop, forwarding the call to the first network voice mail of the communications unit (See col. 3-4 lines 57-16 and col. 5 lines 28-39).

4. In regards to claims 4 and 13, Taff discloses the method and network switch, wherein the loop indicia comprises one of a prefix and a suffix for the caller identification data, the prefix and suffix having a predetermined number sequence (See col. 4 lines 17-46).

5. In regards to claims 7 and 12, Taff discloses the network switch, wherein the call forwarding number comprises an enterprise network voice mail number, whereby calls forwarded from the cellular network are directed to the network voice mail for a communication unit (See col. 3-4 lines 57-16 and col. 5 lines 28-39).

6. In regards to claim 8, Taff discloses the network switch, wherein the enterprise network comprises a wireless local area network (See Fig. 2 and IP Network/LAN 24) and the switching mechanism and the controller respectively comprise a private branch exchange gateway (See Fig. 2 and switch 12) and a PBX controller (See Fig. 2 and server 14) (See Fig. 2).

7. In regards to claim 9, Taff discloses the network switch, wherein the associated calls with a call forwarding number comprises associating calls with a call forwarding number by instructing the communications unit to manipulate forwarding information in the second network to associate failed calls with the call forwarding number when the communications unit enters the second network (See col. 3-4 lines 57-16 and col. 5 lines 28-39).

### ***Conclusion***

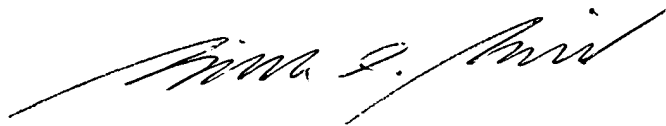
8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Yla-Outinen et al (US 6,167,256) teach an arrangement for call forwarding in a mobile services switching center.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thjuan P. Knowlin whose telephone number is (571) 272-7486. The examiner can normally be reached on Mon-Fri 8:30-5:00pm.

10. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (571) 272-7488. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

11. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thjuan P. Knowlin

A handwritten signature in black ink, appearing to read "Bing Q. Bui", written in a cursive style.

**BING Q. BUI**  
**PRIMARY EXAMINER**